

ABSTRACT

The present inventions provide a method for processing a table that includes a plurality of table entries with each entry providing data for defining a plurality of multiple-dimensional spaces. The method includes steps of A) assigning an ordered  
5 sequence number as a table entry counter ip to each of the table entries. B) Fragmenting the multiple-dimensional spaces into order spatial ranges and assigned each of the spatial ranges with a sequential spatial range-numbers. C) Forming  
10 multiple-dimensional range-spaces by employing the sequential spatial range-numbers as coordinates and assigning an associated table entry counter ip to each block defined by the spatial range-number coordinates for providing an index for correlating each of the sequential spatial range-numbers to the each of the table entry.